

1/1	Category	Clearcoat 2K			
	TDS number	NO_21_24	Registration number		000024104
	SDS number	SDS_NO_3_04	Date of issue		10.01.2024

MEGA CLEAR 8600

Crystal Air Dry clearcoat

PROPERTIES	TYPE HS		DESCRIPTION: SR (Scratch Resistant) coat. The latest Air Dry HS coat features a high solids content, excellent gloss, and great appearance of the finished coat. The coat achieves operating hardness in just 1 h at 20°C, which enables huge savings on labour time and energy consumption at the shop. Despite its high drying speed, the coating is very easy to apply to a number of different workpieces. The high UV and weather resistance ensure high durability of the coating.				
	HARDENER HARD 90-860						
	AVAILABLE HARDENERS STANDARD						
	COMPLEMENTARY PRODUCTS		PLUS 760 <small>ANTISILICONE ADDITIVE</small>	PLUS 770 <small>ELASTICITY INCREASING AGENT</small>	THIN 890 <small>FADE OUT THINNER</small>		
SUBSTRATE	SPECTRAL BASE 2.0 SPECTRAL WAVE 2.0		Properly applied and dried layers of SPECTRAL basecoats				
	CAUTION		Clearcoat is compatible with majority solventborne and waterborne basecoat available on the market				
MIXING RATIO		MEGA CLEAR 8600	VOLUME	WEIGHT	VOC II/B/e limit *	840 g/l	
		HARD 90-860	2	100 g	VOC content	470 g/l	
			1	50 g	* for ready to use mixture acc. to UE Directive 2004/42/CE		
APPLICATION		Viscosity DIN 4 in 20°C 14-16 s		½ layer + 1 layer 1 layer + 1 layer Apply thin closed or full layer, flash off (if necessary), apply 2nd full layer			
				Single dry layer thickness Maximum thickness of the clearcoat	25 ÷ 35 µm 70 µm		
		Nozzle: Ø 1.2-1.4 mm		0 - 5 min / 20°C for 1.5 layers 5 - 10 min / 20°C for 2 layers Flash off time depends on spraying booth			
		Pressure 1.7-2.2 bar			It is recommended to apply the clearcoat at temperatures above 15°C and in humidity of no more than 70%. Potlife 30 min / 20°C with HARD 90-860 Standard		
HARDENER	Size/number of elements		15 – 20 °C		20 – 25 °C	25 – 35 °C	
	Spot repair 1-2 parts		HARD 90-860	HARD 90-860	HARD 90-860		
	Middle 3-5 parts		HARD 90-860	HARD 90-860	NOT RECCOMENDED		
DRYING TIME	with HARD 90-860		20°C	40°C		NOT RECCOMENDED	
	Dust free		10 min	3 min			
	Operating hardness		1 hour	15 min + 30 min / 20°C			
	Final hardness		2 days	15 min + 2 days / 20°C			
CAUTION		USE PERSONAL SAFETY EQUIPMENT	SEE SAFETY DATA SHEED SEE GENERAL CONDITIONS FOR PROFFESIONAL USE ONLY			SHELF LIFE	
			MEGA CLEAR 8600 24 months/20°C	HARD 90-860 STANDARD 18 months/20°C			